This document was generated on 07/17/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0501338100
Status: Active
Overview: PicoBlade Connector System
Description: 1.25mm Pitch, PicoBlade Male Crimp Terminal, Tin (Sn) Plating, 28-32 AWG, Bag



Series image - Reference only

Documents:

3D Model (PDF)
Drawing (PDF)
3D Model
Product Specification PS-51021-009-001 (PDF)
Application Specification 510210001-AS-000 (PDF)
Packaging Specification 501339200-SPK-200 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	50133
Application	Signal, Wire-to-Wire
Crimp Quality Equipment	Yes
Current Derating Order No	987651-3691
Overview	PicoBlade Connector System
Packaging Alternative	501338000 (Reel)
Product Name	PicoBlade
UPC	800753757158

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	40.000/mg
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.50-1.00mm
Wire Size AWG	28, 30, 32
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	0.8A, 1.0A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Application Specification	510210001-AS-000
Packaging Specification	501339200-SPK-200
Product Specification	PS-51021-009-001
Sales Drawing	SD-50133-8X00

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per - D(2020)4578-DC (25 June 2020)
Halogen-Free Status
Low-Halogen
For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
50133 Series

Use With
51047 Crimp Housing

Application Tooling | **FAQ**

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Extraction Tool	11030043
Hand Crimp Tool for 1.25mm Pitch PicoBlade Crimp Terminals, 26-32 AWG	2002182000

Japan

Description	Product #
Extraction Tool	570726000
Hand Crimp Tool	571395000

This document was generated on 07/17/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION